1-683

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4344
ARIZONA Land District.
FIELD NOTES
Of The Survey Of The Mining Claim Of
CENTROID CONSOLIDATED MINES
Known As The
Jubilee No.2, Jubilee No.4, Jubilee No.5, Centroid No.Four, Centroid No.Fifteen.Black Hawk, Black Hawk No.1, Black Hawk No.3, Hancock No. Hancock No.7, Hancock No.4 lodes. ELLSWORTH Mining District,
YUMA County, STATE OF ARIZONA 7 and 18 unsurveyed 7 N. 12 W. Section 13 " ", Township 7 N. Range 13 W.
Surveyed under order dated February, 17, 1950
by J. WILLIAM WAARA Mineral Surveyor.
Claim located See back of sheet , 19
Survey commenced February 17 , 19 50
Survey completed February 27 , 19.50
Address of claimant Yale McFate, its attorney, Luhrs Bldg, Phoenix Arizona.
DATES OF AMENDED LOCATIONS
February 2, 1950
February 3, 1950
U. S. GOVERNMENT PRINTING OFFICE 16—53972—2

Name Located	Amended
Jubilee No. 2 July 1, 1926 Jubilee No. 5 July 1, 1926 Jubilee No. 5 July 1, 1926 Centroid No. Four Feb. 1, 1934 Centroid No. Fifteen-Feb. 1, 1934 Black Hawk May 15, 1926 Black Hawk No. 1 Black Hawk No. 3 July 12, 1929 Hancock No. 1 July 20, 1929 Hancock No. 3 July 24, 1929	Feb. 2, 1950 Feb. 2, 1950 Feb. 2, 1950 Feb. 3, 1950 Feb. 3, 1950 Feb. 3, 1950 Feb. 3, 1950 Feb. 3, 1950 Feb. 3, 1950
Hancock No. 3 July 24, 1929 Hancock No. 4 July 23, 1929	Feb. 2, 1950 Feb. 2, 1950

Survey No. Asta -1-

This survey was made with a Lietz Light Mountain transit No. 9503, Model No. 9, with a horizontal limb 5 ins. in diameter, having two double opposite verniers reading to thirty seconds of arc, and full vertical circle 5 ins. in diameter, having two double verniers reading to one minute of arc; the eye piece is fitted to receive a prismatic eye piece suitable for making direct observations upon the sun or Polaris. The instrument was in good condition at the time of the survey and all adjustments were in good order. all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian

determined by the following observations.

determined by the following observations.

February 19, 1950, at Cor. No. 3 Jubilee No. 5 lode of this survey, in latitude 33° 57' 00" N. and longitude 113° 33' 00" W., I make a series of six observations upon Polaris during the period of its western elongation, three each with the telescope in direct and reversed positions, and reading the horizontal angle from a reference point Nw. of my station, E. to Polaris.

'Mean time of observation, 105th

meridian Standard time

Declination of Polaris

Mean observed vertical angle 33° 38' 16"

Mean observed vertical angle 33° 38' 16"

Thence N. 45° 15' E.

Mean horizontal angle from reference point to Polaris

True bearing to reference point N. 11° 39' N. 11° 39' 46" W. A similar observation on Polaris was made at this station on February 16, 1950, the result of which gave

the same bearing.

The lines were measured with a 1/8 inch steel tape, 500 feet in length, graduated every foot, which was compared with a steel standard tape at the time of beginning the survey and found correct.

All lines and connections of this survey were run by

direct methods.

The magnetic variation at each corner of the survey gave a uniform value of 14° 00° E.

SI, .h

ins. in along-

enil abo

ins.

Harked

8 ins. J 2-4-

Feet vocation and sol no jubilee No. 2 Lode driver

At Cor. No. 1 of the Jubilee No. 2 lode, on line 4-1 Jubilee No. 5 lode of this survey.

Set an iron pipe, 2½ ft. long, 3/4 in. diam., 18 ins. in the ground with copper disc on pipe marked J 2-1-4344.

new footbreen Raise a substantial mound of stone alongside.

The west 1/4 sec: cor. of Sec. 18, T. 7 N., R. 12 W., Gila and Salt River Meridian, bears N. 34° 43' 45" W., 741.3 ft., an iron post, 1 in. diam., 18 ins. above ground, firmly set, marked as described in the official record.

No local bearing objects or bearing trees available. s. 1001.9 ft. en iron

Thence S. 44° 44' E.

829.8 Cor. No. 4 Jubilee No. 5 lode, on line 2-3 Jubilee No. 4 lode, both of this survey.

1002.61 Intersect line 1-2 Jubilee No. 4 lode, also intersect line 2-3 Centroid No. Four lode, both of this survey.

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8 4

Survey No. 4544

	<u> </u>	
	Feet	This survey was made with a Lietz Light Mount
	1200.0	
	fitted aking	side and copper disc on pipe mkd. J 2-2-4344.
	tsani ed urvey an	No bearings available. 100 boog at a with
	end v	Thence S. 45° 15' W.
	206.1	Intersect line 2-3 Centroid No. Four lode of this
0	5 lode	February 19, 1950, at Dor. Mo. 5 July 190.
, 13	300.0	A substantial post set in the ground on the lode line; discovery point bears N. 44° 44' W., 1130 ft. dist.
-7	600.0	three eash with the telescope in director. cor. cor. cor. cor. cor. cor. cor. c
	.m.	Set an iron pipe; 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside, and copper disc on pipe marked, J 2-3-4344.
	mn.	No bearings available. Is the factor and meet
	w was !	Thence N. 44. W.
	1500.0	to Cor. No. 4. eds, 0001, 101, 1000 and state of cor. No. 4.
		Set an iron pipe, 2½ ft. long, 3/4 in. diam., 18 ins. in the ground with a copper disc on pipe mkd. J 2-4-4344 with its center for exact corner point.
	run by	Raise a substantial mound of stone alongside.
	yevane	No bearings available its oldengen ent
		Thence N. 45° 15' E.
	300.0	A substantial mound of stone on lode line; discovery point bears S. 44° 44° E., 370 ft. dist.
	600.0	Cor. No. 1 and place of beginning.
	8 ins. \$ 2-1-	per can edig no bai jubilee No. 4 Lone and di
	e.	At Cor. No. 1 of the Jubilee No. 4 lode, identical with Cor. No. 5 Centroid No. Four lode of this survey.
	18 ins.	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside, and copper disc on pipe mkd. J 4-1-4344, C N F-5; from which
		The south 1/4 sec. cor., Sec. 18, T. 7 N., R. 12 W., bears S. 6° 31' 15" E., 1001.9 ft., an iron post, 1 in. diam., 15 ins. above ground, firmly set, and marked as described in the official record.
	dose.	No local bearing objects available.
	. Vench:	elds to dood . soo Thence N. 75° 36° W.

Feet	
45	Natural gas pipe line, 36 ins. diam., bears N. 21° 54' W.
	Intersect line 2-3 Centroid No. Four lode, also intersect line 1-2 Jubilee No. 2 lode, both of this survey.
line; t. äist.	Cor. No. 2 falls on a mine dump where it is impracticable to establish a monument.
61.36	Witness Cor. No. 2 Witness Cor. No. 2
ater- a monu-	Set an iron pipe, 2½ ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. W C J 4-2-4344. In
92.46	Cor. No. 4 Jubilee No. 5 lode on line 1-2 Jubilee No. 2
312.1 eileble	A substantial post set in the ground on lode line; discovery point bears S. 75° 36' E., 180.0 ft. dist.
579.26	Cor. No. 3. 2 '50 '34 .W soned?
ins. in	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside, and copper disc on pipe mkd. J 4-3-4344; from which is a second along the second seco
	A corner of the location bears N. 2° 05° W., 45.64
	No local bearing objects or bearing trees available.
v.tev.	300.0 A substanties 1700818. StepnedT lode line; disc
	Cor. No. 4 identical with Cor. No. 3 Jubilee No. 5 lode, being on line 4-1 Hancock No. 3 lode, both of this survey.
	Set an iron pipe, 1 ft. long, 3/4 in. diam., flush with the surface of the ground, with a substantial wooden post set in the ground alongside, and copper disc on pipe mkd. J 4-4-4344, J 5-3.
	No bearings available.
	Thence S. 74° 58' 30" E.
. 4 lods.	A natural gas pipe line, 36 ins. diam., bears N. 21° 54° W. and S. 21° 54° E. diw Issignable and S. 21° 54° Mine road, bears east and west.
	Cor. No. 5.
	Set an iron pipe, 3 ft. long 3/4 in diam. 18 ins. in
	the ground with a substantial wooden post set in the ground alongside; and copper disc on pipe mkd. J.4-5-4344; from which co , elof A . of elider 7-8
ins. in	A corner of the location bears N. 29 05' W., 18.0 ft.

-	4-	
K	Feet	Jee'l '
•	1 54' 1	No local bearing objects or bearing trees available.
t	interse	1553.05 Intersect 11ng 2 20 00 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10
9	128.6	Intersect line 3-4 Hancock No. 3 lode of this survey.
		A substantial post set in the ground on the lode line; discovery point bears N. 75° 36' W., 1295.15 ft. dist.
	612.6	Cor. No. 1 and place of beginning.
1	ins. in n the C J 4-1	St., adio include, Ex. 1002 (2.5002 mailed base of the set income another work set income another work on the mid
		Cor. No. 1 of the Jubilee No. 5 lode, falls in water- course where it is impracticable to establish a monu- ment. From this true point for corner;
		The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears N. 20° 21° E., 142.0 ft. dist., hereinbefore described.
	e; dist.	No local bearing objects or bearing trees available.
		Thence N. 46° 02° E. 6 .00 35.876
	ni15.31	Witnessicordino, 61, and . of the end action to the tround with a substantial wooden post
	u (m) T	Set an iron pipe, 3 ft. long, 3/4 in. diam., 24 ins. in the ground with a copper disc on pipe mkd. W C J 5-1-
	45.54	Raise a substantial mound of stone alongside.
Const.	ellable.	No local bearing objects available.
	300.0	A substantial mound of stone on lode line; discovery
	5 10de	point bears S. 44° 44' E., 230.0 ft. dist. on ealidate on red atim lability on red 1.74 Cor. No. 2001 & on absorbed 1-4 entline guied vevaus
	en with	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with copper disc on pipe mkd. J 5-2-4344.
	ise on	Raise a substantial mound of stone alongside.
		No bearings available.
		Thence S. 44° 44' 30" E.
	1035.27	Intersect line 1-2 Hancock No. 3 lode of this survey.
	1500.0	Cor. No. 3, identical with Cor. No. 4 Jubilee No. 4 lode, being on line 4-1 Hancock No. 3 lode of this survey.
		Thence S. 46° 02' W. 2. 00 . 100 24. 1101
	300.0	A substantial post set in the ground on the lode line; discovery point bears N. 44° 44° W., 1270.0 ft. dist.
	-600.0	Cor. No. 4, on line 1-2 Jubilee No. 2 lode and on line 2-3 Jubilee No. 4 lode, both of this survey.
	18.0.21	Set an iron pipe, 2½ ft. long, 3/4 in diam., 18 ins. in the ground with a substantial wooden post set in the

Survey No. 4344

		but vey no. 4)44
		-66-
	Feet	rest
A	ens ni ens ni E N D	ground alongside and copper disc on pipe mkd. J 5-4-4344. No bearings available.
		Thence N. 44° 44° W.
	829.8	Cor. No. 1 Jubilee No. 2 lode of this survey.
.W	1500.0	Cor. No. k and place of beginning.
9	0 4 10	CENTROID NO. FOUR LODE 100 20
		At Cor. No. '1 of the Centroid No. Four lode.
	e line; t. dist	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. C N F-1-4344; from which
		The south 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 38° 49' W., 309.9 ft. dist.
		No local bearing objects or bearing trees available.
1	i .eai	Thence N. 68° 41° W.
	40.0	Natural gas pipe line, 36 ins. diam., bears N. 21° 54' W. and S. 21° 54' E.
	1498.0	Cor: No. 2. 72 Tellaron laitmatedna e saish
	-Just	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. C N F-2-4344.
		No bearings available.
		Thence N. 22° 13' W.
	51.95	Intersect line 2-3 Jubilee No. 2 lode of this survey.
1.1	407.7	A substantial post set in the ground on the lode line; discovery point bears S. 68° 41' E., 350.0 ft. dist.
	-voosi	Intersect line 1-2 Jubilee No. 2 lode, of this survey, also intersect line 1-2 Jubilee No. 4 lode of this survey. Cor. No. 3
	ai .eat	Set an iron pipe, $2\frac{1}{2}$ ft. long, $3/4$ in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. C.N.F-3-4344; from which
		A corner of the location bears N. 22° 13' W., 72.0
		No local objects or bearing trees available.
		Thence N. 65° 05' E.
۵	64.1	Cor. INO. 4. 8 . OH AWAH MOALE S-1 FRIL TORRESTEE \$1.7751

Survey	No.	4344
0. 4544	ey N	STLA

		Survey No. 4544
-	6-	Survey No. 4344
	Feet	jeel jeel jeel jeel jeel jeel jeel jeel
	J 5-4-	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside, and copper disc on pipe mkd. C N F-4-4344.
		No bearings available.
		. vevine ains to Thence S. 68° 37' 30" E 100 8.88
	1356.0	Natural gas pipe line, 36 ins. diam., bears N. 21° 54' W. and S. 21° 54' E.
	1411.0	Cor. No. 5, identical with Cor. No. 1 Jubilee No. 4 lode of this survey.
		.ebol area .ov Ethence S. 22° 13' E 100 Ja
4	eds ni	
-	814.9	Cor. No. 1, and place of beginning.
	121 .11	The south 1/A sec. our. of Sec. 18 T. 7 N.
		CENTROID NO. FIFTEEN LODE
	sids.lin	At Cor. No. 1 of the Centroid No. Fifteen lode,
	1 1 C C	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with copper disc on pipe mkd. C N FI-1-4344.
		Raise a substantial mound of stone alongside. Sont
	mild 10 2	The west cor. to Secs. 7 and 18, T. 7 N., R. 12 W., bears N. 36 31 W., 269.2 ft.; an iron post, 2 ins. diam., 12 ins. above ground, mkd. and with nessed as described in the official record.
		No local bearing objects available.
		Thence N. 68° 38' E.
	.0.5	Cor. No. 1, Sur. No. 3631, Buck lode. Joes Total 70.17
	149.2	Natural gas pipe line, 36 ins. diam., bears N. 37°. 18' W., and S. 37° 18' E.
		A mound of stone, south end center Buck lode. 7 7.02
*	312.75	A substantial mound of stone on the loge line; discovery point bears S. 37° 48' E., 1081.5 ft. dist.
		Cor. No. 2, Sur. No. 3631 Buck lode.
I	625.5	Cor. No. 2. 100 Long, 24 ft. long, 3/4 in. died.
-	(-H.N.)	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with copper disc on pipe mkd. C N FI-2-4344.
	0.57	Raise a substantial mound of stone alongside.
		No bearings available. especie facof of
		Thence S. 37° 46' E.
	1277.14	Intersect line 1-2 Black Hawk No. 3 lode of this survey.

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		-8- -/-
	Feet	Feet No bearings available.
	1295.9	Cor. No. 3.1 182 027 .a soned
odo	ni .eni	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. C N FI-
	B.E-3-	No bearings available. 4344.
		Thence S. 68° 38° W. W. animaed cit
		A substantial post set in the ground on the lode line; discovery point bears N. 37° 48' W., 215.0 ft. dist.
	460.0	Natural gas pipe line, 36 ins. diam., bears N. 37° 18' W. and S. 37° 18' E.
	524	County road, bears southeast and northwest.
	624.8; edt ni -4-H a	Cor. No. 4, on line 4-1 Black Hawk No. 3 lode of this survey. Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and the copper disc on pipe mkd. C N
		FI-4-4344. No bearings available.
		rnence N. 37° 40° W.
	660	County road, bears southeast and northwest.
	1296.5	Cor. No. 1 and place of beginning. Edol 1 .OW NWAH ADAIS
	Hancoc	At Cor. No. 1 Black Nakh NaAlalode, on line 3-2
	ins. in in the B H 1-1-	At Cor. No. 1 of the Black Hawk lode, identical with Cor. No. 2 Black Hawk No. 1 lode, Cor. No. 3 Black Hawk No. 3 lode, and Cor. No. 3 Hancock No. 1 lode, all of this survey.
		Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with substantial wooden, post set in the ground alongside and copper disc on pipe mkd. B H-1-4344, BH-1-2, BH 3-300 H 1-3; from which
		The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears'S. 75° 56' W., 2249.4 ft. dist.
		No local bearing objects available.
	291.5	Road bears southeast and northwest.
	299.5	A substantial post set in the ground on the lode line; discovery point bears S. 59° 28' E., 205.0 ft. dist.
	599.5	Cor., No. 2, identical with Cor. No. 2 Black Hawk No. 3 lode of this survey.
	lepe.	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. B H-2-4344, B H 3-2.

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0-	
Feet	No bearings available.
	Thence S. 59° 28' E
	Cor. Notile . Hit is long, 5/4 in. gion of cor. Notice . Since
-if M D	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. B.H-3-4344.
	No bearings available.
line; dist.	sico eta no Ansora Thence so 36 56 law instance A 30.918
300.0	A substantial post set in the ground on the lode line; discovery point bears N. 59° 28' W., 1295.0 ft. dist.
600.0	Cor. No. 4, identical with Cor. No. 3 Black Hawk No. 1 lode of this survey.
	Set an iron pipe, 3 ft. long, 3/4 in. dram.; 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. B H-4-4344, B H 1-3.
and all	1 97 No bearings available. 98 23 no is bancar
	Thence N. 59° 26' W.
1015.	Road, bears south and north.
1500.0	Cor. No. 1 and place of beginning.
	BLACK HAWK NO. 1 LODE
	At Cor. No. 1 Black Hawk No. 1 lode, on line 3-4 Hancock No. Two lode of this survey.
with Lack Lode,	Set an iron pipe, 3 ft. long, 3/4 in: diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. B H 1-1-4344; from which
ins in	The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 87° 36° W., 1830.2 ft. dist.
	No local bearing objects or bearing trees available.
R. IZ W	. Thence N., 36° 56° E. asw ad?
	Cor. No. 3 Hancock No. Two lode, identical with Cor. No. 4 Hancock No. 1 lode, both of this survey.
114.5	Center line of Electric Power Lines, bears S. 55° 58' E. to Phoenix and N. 55° 58' W. to Parker Dam.
214.1	
235	County road, bears southeast and northwest.
300.0	Lode line; discovery point bears S. 59° 26' E., 30.0 ft. dist.
ins. in in the	Impracticable to build a monument due to steep slope. Witness monument N. 36° 56' E., 10.7 ft. dist.
310.7	Witness monument; a substantial mound of stone.

	Survey No. 4344
Feet	rect.
588.1	Cor. No. 2, identical with Cor. No. 1 Black Hawk lode, Cor. No. 3 Black Hawk No. 3 lode, Cor. No. 3 Hancock No. 1 lode, all of this survey.
3	.vevana Thence S. 59° 26' E. W. 100003H
485	Road, bears south and north and
1500.0	Cor. No. 3, identical with Cor. No. 4 Black Hawk lode of this survey.
10 54	Thence S. 36° 56' W. 13 . 608
288.1	A substantial post set in the ground on the lode line; discovery point bears N. 59° 26' W., 1470.0 ft. dist.
463.8	Center line of electric power line, bears S. 55°58' E.
564.5	Center line of parallel power line. of hard
572.6	Witness cor. No. 4.
vey.	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside, and copper disc on pipe mkd. B H 1-4
	No bearings available. tened to ease, beck 491
577.00	Cor. No. 4 falls in roadway. I said as family 9.045
465.0	Road, bears southeast and northwest.
486.3	Intersect line 3-4 Hancock No. 4 lode of this survey.
1500.7	Cor. No. 1 and place of beginning.
	BLACK HAWK NO. 3 LODE
ds lw fa	At cor. No. 1 of the Black Hawk No. 3 lode.
and of the St.	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. B H 3-1-4344; from which
wsr.H	The west cor. to Secs. 7 and 18, T. 7 N., R. 12 W., bears N. 56° 35' W., 1511.6 ft. dist.
	No other bearings available. add to de la company of the company o
	Thence S. 57° 48' 30" E.
. 311, 48	Intersect line 2-3 Centroid No. Fifteen lode of this survey.
	Cor. No. 2, identical with or. No. 2 Black Hawk lode of this survey. Thence S. 36° 56' W.
300.0	A substantial post set in the ground on the lode line; the discovery point bears N. 57° 48' 30" W., 1253.3

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Feet 308 Road, bears southeast and northwest.			16 m
Cor. No. 3, identiced with Cor. No. 1 Black Hawk lode, Cor. No. 2 Black Hawk No. 1 lode, and Cor. No. 3 Hancock No. 1 lode, all of this survey. Thence N. 57° 48' 30" W	Feet	Feet	
Cor. No. 3, identiced with Cor. No. 1 Black Hawk lode, Cor. No. 2 Black Hawk No. 1 lode, and Cor. No. 3 Hancock No. 1 lode, all of this survey. Thence N. 57° 48' 30" W	308	Road, bears southeast and northwest. S . M. 100 1.082	
Road, bears southeast to northwest. Natural gas pipe line, 36 ins. diam., bears N. 21° 54' W. and S. 21° 54' E. Cor. No. 4, identical with Cor. No. 2 Hancock No. 1 lode of this survey. Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground elongside and copper disc on pipe mkd. E H 3-4-4344, H 1-2. No bearings available. Road, bears southeast and northwest. Road, bears southeast and northwest. Road, bears southeast and northwest. A substantial post set in the ground on the lode line; discovery point bears S. 57° 48' 30" E. 240.0 ft. dist. Cor. No. 1 of the Hancock No. 1 lode, identical with Cor. No. 2 Hancock No. 1 Lode At Cor. No. 1 of the Hancock No. 1 lode, identical with Cor. No. 2 Hancock No. Two lode of this survey. Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H 1-1, H N T-2, 4344; from which The west 1/4 sep. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 32° 58'-W., 1057.10 ft. dist. No other bearings available. Thence N. 36° 56' E. Genter line of electric power line, bears S. 55° 58' E. Center line of parallel power line. A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. Too. No. 2, identical with Cor. No. 4 Black Hawk No. 3 idea of this survey.		Cor. No. 3, identical with Cor. No. 1 Black Hawk lode, Cor. No. 2 Black Hawk No. 1 lode, and Cor. No. 3	
Natural gas pipe line, 36 ins. diam., bears N. 21° 54' W. and S. 21° 54' E. 1493.3 Cor. No. 4, identical with Cor. No. 2 Hancock No. 1 lode of this survey. Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. B H 3-4-4344, H 1-2. No bearings available. 88.7 Cor. No. 4 Centroid No. Fifteen lode of this survey. Road, bears southeast and northwest. Road, bears southeast and northwest. A substantial post set in the ground on the lode line; discovery point bears S. 57° 48' 30" E. 240.0 ft. dist. Cor. No. 1 of the Hancock No. 1 lode, identical with Cor. No. 2 Hancock No. Two lode of this Survey. Set an iron pipe, 3 ft. long, 5/4 in. diam., 18 ins. in the ground alongside and copper disc on pipe mkd. H 1-1, H N T-2, 4344; from which The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 32° 58' W., 1057.10 ft. dist. No other bearings available. Thence N. 36° 56' E. Center line of electric power line, bears S. 55° 56' E. Center line of parallel power line. A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3 idea of this survey.		Thence N. 57. 48. 30" w.d., 5501 784	
1066.0 Natural gas pipe line, 36 ins. diam., bears N. 21° 54' W. and S. 21° 54' E. Cor. No. 4, identical with Cor. No. 2 Hancock No. 1 lode of this survey. Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. B H 3-4-4344, H 1-2. No bearings available. Read, bears southeast and northwest. Road, bears southeast and northwest. A substantial post set in the ground on the lode line; discovery point bears S. 57° 48' 30" E., 240.0 ft. dist. Cor. No. 1 and place of beginning. HANCOCK NO. 1 LODE At Cor. No. 1 of the Hancock No. 1 lode, identical with Cor. No. 2 Hancock No. Two lode of this Survey. Bet an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H l-1, H N T-2, 4544; from which The west 1/4 set. cor, of Sec. 18, T. 7 N., R. 12 W., bears S. 52° 58' W., 1057.10 ft. dist. No other bearings available. Thence N. 36° 56' E. Center line of electric power line, bears S. 55° 58' E. Center line of parallel power line. Zeg. 3 A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. Thence N. 36° 56' E. Center line of parallel power line, bears S. 55° 58' E. Center line of parallel power line.	888.3	Road, bears southeast to northwest.	
Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. B H 3-4-4544, H 1-2. No bearings available. Thence N. 36° 56' E. Road, bears southeast and northwest. Natural gas pipe line, 36 ins. diam., bears N. 37° 18' W., and S. 37° 18' F. 299.5 A substantial post set in the ground on the lode line; discovery point bears S. 57° 48' 30" E., 240.0 ft. Cor. No. 1 and place of beginning. HANCOCK NO. 1 LODE At Cor. No. 1 of the Hancock No. 1 lode, identical with Cor. Wo. 2-Hancock No. Two lode of this survey. Bet an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground alongside and copper disc on pipe mkd. H 1-1, H N T-2, 4344; from which The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 32° 58' W., 1057.10 ft. dist. No other bearings available. Thence N. 36° 56' E. Genter line of electric power line, bears S. 55° 58' E. Center line of parallel power line. A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3 idea of this survey.	1066.0	Natural gas pipe line, 36 ins. diam., bears N. 21° 54' W.	
the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. B H 3-4-4344, H 1-2. No bearings available. Thence N. 36° 56' E. Cor. No. 4 Centroid No. Fifteen lode of this survey. Road, bears southeast and northwest. Natural gas pipe line, 36 ins. diam., bears N. 37° 18' W., and S. 37° 18' E. 299.5 A substantial post set in the ground on the lode line; discovery point bears S. 57° 48' 30" E., 240.0 ft. HANCOCK No. 1 LODE At Cor. No. 1 and place of beginning. HANCOCK No. 1 LODE At Cor. No. 2 Hancock No. Two lode of this survey. Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground alongside and copper disc on pipe mkd. H 1-1, H N T-2, 4344; from which The west 1/4 set. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 52° 58' W., 1057, 10 ft. dist. No other bearings available. Thence N. 36° 56' E. 97.6 Center line of electric power line, bears S. 55° 58' E. Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3 identical of this survey.	1493.3	Cor. No. 4, identical with Cor. No. 2 Hancock No. 1 lode of this survey.	
No bearings available. 38.7 Cor. No. 4 Centroid No. Fifteen lode of this survey. Road, bears southeast and northwest. Natural gas pipe line, 36 ins. diam., bears N. 37° 18° W., and S. 37° 18° F. 299.5 A substantial post set in the ground on the lode line; discovery point bears S. 57° 48° 30° E., 240.0 ft. Cor. No. 1 and place of beginning. HANCOCK NO. 1 LODE At Cor. No. 1 of the Hancock No. 1 lode, identical with Cor. No. 2 Hancock No. Two lode of this Survey. Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground alongside and copper disc on pipe mkd. H l-1, H N T-2, 4544; from which The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 32° 58° W., 1057.10 ft. dist. No other bearings available. Thence N. 36° 56° E. 97.6 Center line of electric power line, bears S. 55° 56° E. 197.2 Center line of parallel power line. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3 indeed of this survey.	58' 2.	the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. B H 3-4-	
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Road, bears southeast and northwest. Road S. 37° 18' E. Road S. 30° E., 240.0 ft. Road S. 30° E., 25° 58' E. Road S. 30° E., 25° 58' E. Road S. 30° E., 25° 58' E. Road S. 30° E., 200.0 ft. Road S. 30° E., 200	ins. in	Set an iron pipe, 5 ft. Long, 5/4 in. distr., 50 the erron of the error of the erro	
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and S. 37° 18° E. 299.5 A substantial post set in the ground on the lode line; discovery point bears S. 57° 48° 30° E., 240.0 ft. dist. 599.5 Cor. No. 1 and place of beginning. HANCOCK NO. 1 LODE At Cor. No. 2 Hancock No. Two lode of this survey. Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H 1-1, H N T-2, 4344; from which The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 32° 58' W., 1057.10 ft. dist. No other bearings available. Thence N. 36° 56' E. 97.6 Center line of electric power line, bears S. 55° 58' E. 197.2 Center line of parallel power line. A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3	194	Road, bears southeast and northwest.	
A substantial post set in the ground on the lode line; discovery point bears S. 57° 48° 30° E., 240.0 ft. 599.5 Cor. No. 1 and place of beginning. HANCOCK NO. 1 LODE At Cor. No. 1 of the Hancock No. 1 lode, identical with Cor. No. 2 Hancock No. Two lode of this survey. Set an iron pipe, 3 ft. long, 3/4 in. diam. 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H l-1, H N T-2, 4344; from which The west 1/4 set. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 32° 58' W., 1057.10 ft. dist. No other bearings available. Thence N. 36° 56' E. 97.6 Center line of electric power line, bears S. 55° 58' E. 197.2 Center line of parallel power line. A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30° E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3	248.2	Natural gas pipe line, 36 ins. diam., bears N. 37° 18° W. and S. 37° 18' E.	,
HANCOCK NO. 1 LODE At Cor. No. 1 of the Hancock No. 1 lode, identical with Cor. No. 2 Hancock No. Two lode of this Survey. Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongstice and copper disc on pipe mkd. H l-1, H N T-2, 4344; from which The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 32° 58' W., 1057.10 ft. dist. No other bearings available. Thence N. 36° 56' E. 97.6 Center line of electric power line, bears S. 55° 58' E. 197.2 Center line of parallel power line. A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3	299•5	A substantial post set in the ground on the lode line; discovery point bears S. 57° 48° 30" E., 240.0 ft.	
HANCOCK No. 1 LODE At Cor. No. 1 of the Hancock No. 1 lode, identical with Cor. No. 2 Hancock No. Two lode of this survey. Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H l-1, H N T-2, 4344; from which The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 32° 58' W., 1057.10 ft. dist. No other bearings available. Thence N. 36° 56' E. 299.3 A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3		406.3 Intersect line 3-4 Hancock Ho. 4 lode of this su	
At Cor. No. 1 of the Hancock No. 1 lode, identical with Cor. No. 2 Hancock No. Two lode of this survey. Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H l-1, H N T-2, 4344; from which The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 32° 58' W., 1057.10 ft. dist. No other bearings available. Thence N. 36° 56' E. Center line of electric power line, bears S. 55° 58' E. 197.2 Center line of parallel power line. A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3 dede of this survey.	599•5	Cor. No. 1 and place of beginninggainninged to eosig bus 1 .04 .7.0021	
At Cor. No. 1 of the Hancock No. 1 lode, identical with Cor. No. 2 Hancock No. Two lode of this survey. Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H l-1, H N T-2, 4344; from which The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 32° 58' W., 1057.10 ft. dist. No other bearings available. Thence N. 36° 56' E. Center line of electric power line, bears S. 55° 58' E. 197.2 Center line of parallel power line. A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3 dede of this survey.		HANCOCK NO. 1 LODE	
the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H 1-1, H N T-2, 4344; from which The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 32° 58' W., 1057.10 ft. dist. No other bearings available. Thence N. 36° 56' E. 97.6 Center line of electric power line, bears S. 55° 56' E. 197.2 Center line of parallel power line. A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3		At Cor. No. 1 of the Hancock No. 1 lode, identical with	
No other bearings available. Thence N. 36° 56° E. 97.6 Center line of electric power line, bears S. 55° 58° E. 197.2 Center line of parallel power line. 299.3 A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30° E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3	Attr off	the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H 1-1,	
Thence N. 36° 56' E. 97.6 Center line of electric power line, bears S. 55° 58' E. 197.2 Center line of parallel power line. 299.3 A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3	la W.s.	The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 32° 58' W., 1057.10 ft. dist.	
97.6 Center line of electric power line, bears S. 55° 58' E. 197.2 Center line of parallel power line. 299.3 A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3		No other bearings available.	
299.3 A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3		Thence N. 36° 56 E.	
299.3 A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3	97.6	Center line of electric power line, bears S. 55° 58' E.	
299.3 A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E., 120.0 ft. dist. 570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3	197.2	Center line of parallel power line.	
570.6 Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3	299•3	A substantial post set in a mound of stone on the lode line; discovery point bears S. 57° 51' 30" E. 120.0	
	570.6	Cor. No. 2, identical with Cor. No. 4 Black Hawk No. 3	

F	feet	Thence S. 57° 48' 30" E.
4	127.3	Natural gas pipe line, 36 ins. diam., bears N. 21° 54' W., and S. 21° 54' E.
6	505 ' .	Road, bears southeast and northwest.
	193•3	Cor. No. 3, identical with Cor. No. 1 Black Hawk lode, Cor. No. 2 Black Hawk No. 1 lode, Cor. No. 3 Black Hawk No. 3 lode, all of this survey.
		Thence S. 36° 56' W.
V 2	270.0	A substantial post set in the ground on the lode line; discovery point bears N. 57° 51' 30" W., 1373.3 ft. dist.
3	353.1	Road, bears southeast and northwest.
A.	374.0	Center line of electric power line, bears S. 55° 58' E.
	473.6	Center line of parallel power line.
5	570.0	Cor. No. 4, identical with Cor. No. 3 Hancock No. Two lode of this survey.
		Thence N. 57° 50' W.
2	221.0	Natural gas pipe line, 36 ins. diam., bears N. 21° 54' W., and S. 21° 54' E.
14	493•3	Cor. No. 1 and place of beginning.
		HANÇOCK NO. TWO LODE
		At Cor. No. 1 Hancock No. Two lode.
aj	ins i	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H N T-1-4344; from which
7	SI R	The west & sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears S. 30° 13' W., 626.1 ft. dist.
		No local bearing objects available.
		Thence N. 36° 56' E.
		A substantial post set in the ground on the lode line; discovery point bears S. 57° 47' 30" E., 335.0 ft. dist.
	432.7	Cor. No. 2, identical with Cor. No. 1 Hancock No. 100 lode of this survey.
·V	SALAR	aidt to abol ow Thence S. 57° 150 'E. Jonavetal gy. 712
12		Natural gas pipe line, 36 ins. diam., bears N. 21° 54' W., and S. 21° 54' E.
	493.3	Cor. No. 3, identical with Cor. No. 4 Hancock No. 1 lode of this survey.
		Thence S. 36° 56' W.
10		

	-75-	, , , , , , , , , , , , , , , , , , , ,
	Feet	Freet Thence 3. 57° 18' 50" S.
	18.1	Cor. No. 1 Black Hawk No. 1 lode, on line 2-3 Hancock No. 4 lode, both of this survey.
	133.9	Lode line; discovery point bears N. 57° 47' 30" W., 1158.3 ft. dist. Impracticable to set a post due to pipe line operation interference. Establish a wit-
	lack	news cor., S. 36° 56' W., 40.0 ft. dist.
	154.9	Natural gas pipe line, 36 ins. diam., bears N. 21° 54' W. and S. 21° 54' E.
	173.9	Witness monument, a substantial wooden post.
	354.31	Intersect line 2-3 Hancock No. 3 lode of this survey.
	433.9	Cor. No. 4 . Juneart on one Jesenforce aroof . Deck 1.772
	58° Z.	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H N T-4-4344.
	Two	No bearings available. faciones . 4 . Ch . Too 0.073
		Thence N. 57° 47' 30" W.
	259.46	Intersect line 1-2 Hancock No. 3 lode of this survey.
	367.93	Intersect line 1-2 Hancock No. 4 lode of this survey.
	1493.3	Cor. No. 1 and place of beginning.
		HANCOCK NO. 3 LODE
		At Cor. No. 1 Hancock No. 3 lode
	ins. in in the H N T-1	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside, and copper disc on pipe mkd. H 3-1-4344; from which
	.W SI	The west 1/4 sec. cor. of Sec. 18, T. 7 N., R. 12 W., bears N. 63° 05° 30° W., 1178.4 ft.
		No local bearings available.
		Thence N. 36° 33' E.
		Intersect line 2-3 Jubilee No. 5 lode of this survey.
	247.6	Intersect line 4-1 Hancock No. 4 lode of this survey.
	300.0-	A substantial post set in the ground on the lode line; discovery point bears S. 57° 17° E., 640.0 ft. dist.
	517.79	Intersect line 4-1 Hancock No. Two lode of this survey.
.1	600.1	Cor. No. 2. Matural gas pine line, 36 ins. dian. S No. 1272.
		Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H 3-2-4344.

13	Survey No. 4344				
	Feet	No local bearing objects available.			
	282.36	Intersect line 4-1 Hancock No. Two lode of this survey.			
	300.0	A substantial post set in the ground on the lode line; discovery point bears S. 70° 16' E., 230 ft. dist.			
. e	600.0	Son No. 2. will say pine line, 56 ins. dist. S. on .roo			
	.vevq	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H 4-2-4344.			
	ins. in in the H 3-3-	No bearings available. Thence S. 70° 16' E.			
	329.	Natural gas pipe line, 36 ins. diam., bears N. 21° 54' W., and S. 21° 54' E.			
	486.1	Cor. No. 1 Black Hawk No. 1 lode, on line 3-4 Hancock No. Two lode, both of this survey.			
	815.	Road, bears southeast and northwest.			
	961.	Center line of electric power line, bears S. 55° 58' E.			
	1366.	Center line of parallel power line.			
	1391.	Road, bears north and south			
	1481.4	Gor: No. 3.4 in a substantial woods. Fost age			
	F O W	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. H 4-3-4344.			
	alid ds	No bearings available itosagail			
		Thence S. 19° 02' W.			
	22.5				
	126.	Center line of electric power line, bears S. 55° 58' E. Center line of parallel power line.			
	170.	Road, bears southeast to northwest.			
	184.0	Intersect line 4-1 Black Hawk No. 1 lode of this survey.			
	300.0	A substantial post set in the ground on the lode line; discovery point bears N. 70° 16' W., 1251:1 ft. dist.			
	578.02	Intersect line 2-3 Hancock No. 3 lode of this survey.			
	600.0	Cor. No. 4. MIOL 4 . ON MOODWAH			
	Prom T. 7 N dist.	Set an iron pipe, 3 ft. long, 3/4 in diam., 18 ins. in the ground with a substantial wooden post, set in the ground alongside and copper disc on pipe mkd. H 4-4-4344.			
		No bearings available 1 . 1 . 100 seanting 8.71			
	edt mi-	Set an iron pipe, 3 ft. long, 3/4 in. diam., 18 the ground with a substantial wooden post, set ground alongside and copper disc on pipe mkd. 1-4544.			

		-01-
Feet	WOLT-504	
S. a. v. c. c. c. v.	Thence N. 70° 16' W.	
630.	Natural gas pipe line, 36 ins. diam., bears N.	21° 54' W.
The second secon	Intersect line 1-2 Hancock No. 3 lode of this s	
	Cor. No. 1, and place of beginning. bearing as	1
	el quore ent to sebol 'AREAS Ils lo vevuus ent cal wirn the respective smended location as man	Acres
	Total area Jubilee No. 2 lode Area in conflict with-	20.661
-wi bo	Jubilee No. 4 lode of this survey	0.124
	Total area Jubilee No. 4 lode Area in conflict with- Centroid No. Four lode of this survey Hancock No. 3 lode of this survey	19.910 2.780 3.796
e cente	Total area Jubilee No. 5 lode 'Area in conflict with- Jubilee No. 4 lode of this survey	20:656
ξξ v.	Jubilee No. 4 lode of this survey	2.497
	Total area Centroid No. Four lode Area in conflict with- Jubilee No. 2 lode of this survey	20.294
eoe'	Total area Centroid No. Fifteen lode	17.847
Mouth o	TO SOL W THE RESERVENCE AND A LOCAL MAINTENSORS	20.524
# 20 C	Total area Black Hawk No. 1 lode	19.930
a saival	Total area Black Hawk No. 3 lode Area in conflict with-	20.481
	Centroid No. Fifteen lode of this survey	1.949
	Total area Hancock No. 1 lode	19.483
eri . fi	Total area Hancock No. Two lode Area in conflict with-	14:803
	Hancock No. 4 lode of this survey	3.522
	Total area Hancock No. 3 lode	20.352
galanur	Area in conflict with- Hancock No. Two lode of this survey Jubilee No. 5 lode of this survey	0.481 0.533
. JT 201	Total area Hancock No. 4 lode Area in conflict with-	20,401
ms) ft. in 't.	Black Hawk No. 1 lode of this survey Hancock No. 3 lode of this survey, exclusive of its conflict with Hancock No. Two lode	2.085 5.976
767	of this survey	5•495
6 - 1	ft. from Cor. No. 4, A x 5 ft., 8 ft. deep.	

4-678 b

TAR SIS

Tryer

20.661

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0.16 61

No. 1

2.497

20.294

19.483

18

LOCATION

This survey is located in the SW4 Sec. 7, unsurveyed, NE4, SE4, SW4 and NW4 of Sec. 18, unsurveyed, T. 7 N., R. 12 W. and SE4 Sec. 13, unsurveyed, T. 7 N., R. 13 W., Gila and Salt River Meridian, Yuma County, Arizona.

The survey of the Jubilee No. 4 and Centroid No. Four lodes, is wholly within the respective amended location as marked on the ground. Certain corners differ with corners of the location to the extent previously shown. Witness corners were avoided by the method used.

The survey of all other lodes of the group is identical with the respective amended location as marked on the ground. Total area Jubiles Wo.

EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of the lode locations embraced in said mining claim by the claimant or its grantors are as follows:

- The discovery cut of the Jubilee No. 2 lode, the center of which being the discovery point, is on the lode line N. 44° 44° W., 1130 ft. from the South Center End; 4 ft. wide, 10 ft. face, running westerly 33 ft. to face. Value, \$250. biordned sers [asoT
- A cut and tunnel, the mouth of tunnel bears S. 62° E., 275 ft. from Cor. No. 4; cut 4 ft. wide, 8 ft. face extending S. 30° E. 12 ft. from its face at mouth of tunnel; tunnel 4 x 6 ft. running N. 30° W., 27 ft.; thence N. 60° W., 20 ft.; thence N. 30° W., 25 ft.; thence N. 17° W., 18 ft.; thence N. 32° W., 25 ft.; thence N. 17° W., at 6 ft. cross cut runs N. 70° E., 52 ft., 24 ft. to a point; thence N. 2° E., 28 ft.; thence N. 37° W., 14 ft. to face of tunnel, having a total length of 233 ft.

 Value, cut \$100.

 tunnel \$2330. No: 2 TT OA 20.524 078.91 105.0S 949 I
- A cut, the mouth of which bears S. 62° E., 597 ft. from Cor. No. 4, 6 ft. wide, 10 ft. face, running southerly No. 3 18 ft. Value, \$150. 5.522
- A trench, the westerly end of which bears S. 53° E., 75 ft. from Cor. No. 4, 5 ft. wide, 5 ft. deep, running northeasterly 30 ft. Value, \$200. No. 4 84 0
- A shaft, the center of which bears S. 65° E., 585 ft. from Cor. No. 4, 4 x 6 ft., 150 ft. deep, bears N. 73° E. on its dip. A drift 4 x 6 ft., 100 ft. in length running northerly from bottom of shaft. No: 5 5.97 Value, shaft \$7500. 5.495
- A shaft, the center of which bears S. 84° 30' E., 767 ft. from Cor. No. 4, 4 x 6 ft., 8 ft. deep. No. 6 Value, \$80.

- 1		
	No. 17	A shaft, the center of which bears N. 85° 45' E., 763 ft. from Cor. No. 4, 4 x 6 ft., 20 ft. deep. Value, \$200.
	W Proper	A shaft, the center of which bears' N. 83° 30° E., 715 ft. from Cor. Mo. 4, 4 x 6 ft., 30 ft. deep. Value, \$300.
	No. 9	A shaft, the center of which bears N. 3° 30' W., 775 ft. from Cor. No. 3, 5 x 8 ft., 325 ft. deep, dips 52° to N. 7° E., with drifts 4 x 6 ft. extending northwesterly 150 ft. and southeasterly 50 ft. from bottom of shaft. Value, shaft \$15,000.
	No. 1	The discovery shaft of Jubilee No. 4 lode, the center of which being the discovery point is on the lode line 1295.15 ft. from its intersection with line 5-1; 4 x 6 ft., 8 ft. deep. Value, \$80.
4	No. 2 and end no end.	A cut, the face of which bears S. 7° 30' W., 350 ft. from Cor. No. 4; 4 ft. wide, 10 ft. face, running northerly 10 ft. Value, \$50.
		A cut, the face of which bears S. 44° 45' E., 265 ft. from Cor. No. 4, 4 ft. wide, 10 ft. face, running northerly 6 ft. Value, \$50.
	NTO 7	The discovery cut of the Jubilee No. 5 lode, the center of face of cut being the discovery wint is on the lode line N. 44° 44' W., 1270 ft. from the South Center End. 4 ft. wide, 10 ft. face, running northwesterly 16 ft. Value; \$100.
V	No. 2	A cut, the mouth of which bears N. 87° E., 250 ft. from Cor: No. 1, 4 ft. wide, 8 ft. face, running northerly 12 ft. Value, \$80.
V .		A.cut, the mouth of which bears S. 11° W., 325 ft. from Cor. No. 2, 4 ft. wide, 7 ft. face, running north-westerly 22 ft. Value, \$100.
		A cut and tunnel, the mouth of cut bears N. 89° 45' E., 350 ft. from Cor. No. 1, cut 3 ft. wide, 10 ft. face, running northwesterly 36 ft.; thence tunnel 4 x 6 ft., 30 ft. long, running northwesterly. Value, cut \$200. tunnel \$300.
2)		3.5 x 5 ft. wide, 6 to 10 ft. high, extending into another stope 3 x 11 ft. wide, 16 to 20 ft. high, all running northwesterly.
	., 472	No. 4 A shaft, the center of .082 eqote . 82° 50' I ft. from Cor. No. 1, 00 ft eqote. 60 ft. deep. Value, \$1500.
	., 530	No. 5 A trench, the north end of which bears N. 87° I

201

		A trench, the south end of which bears S. 32° E., 340 ft. from Cor. No. 2, 3 ft. wide, 36 ft. long; 2 to 6 ft. deep, bears northwesterly.
	, 715	No. 8 A shaft, the center of which bears, and a .cl
		A cut, the mouth of which bears S. 82° E., 400 ft. from
	775 ft.	Westerly 30 ft. Walte center of which 650 \$300 No. 3, 5 x 8 ft. deep, dip
Y-	No. 8 d	A cut, the north end of which bears 6: 46° 30' E., 256 ft. from Cor. No. 1, 3 ft. wide, 5 to 7 ft. face, extending southeasterly 35 ft. Value, \$200.
V	No. 9	Described under Common Improvements.
	No. 10	A shaft, the center of which bears N. 43° 30' W., 320 ft. from Cor. No. 4, 4 x 6 ft., 30 ft. deep. Value, \$300.
	No. 1	The discovery shaft of the Centroid No. Four lode, the center of which being the discovery point, is on the lode line 1148 ft. from its intersection with line 5-1; 4 x 6 ft., 60 ft. deep.
	.51 2	
V.		A trench, the west end of which bears S. 68° 41' E., 300 ft. from the West Center End, 4 x 6 ft., 39 ft. long, running easterly.
	nedneo	nd. 1 The discovery cut of the subiles the
	No. 1	The discovery shaft of the Centroid No. Fifteen lode, the center of which being the discovery point is on the lode line, 215 ft. from its intersection with line 3-4; 4 x 6 ft., 8 ft. deep. Value, \$80.
7	No. 2	A cut; the face of which bears S. 177 E.; 817 ft. from Cor. No. 2, 5 ft. wide, 10 ft. face, running northerly 12 ft. Value, \$80.
1	No. 3	A shaft, the center of which bears S. 26° 30' E., 528 ft. from Cor. No. 2; 4 x 6 ft., 8 ft. deep. Value, \$80.
·	reace, x f ft.	Value, \$80 . 2000 tunning north \$80 . 32 08
V	No. 2	Described under Common Improvements.
V	No.37 wide, lares into	A cut and tunnel, the mouth of cut bears N. 67° 30° E., 355 ft. from Cor. No. 1, cut 4 ft. wide, 12 ft. face running northeast 20 ft. to tunnel 4 x 6 ft., 72 ft. long, bears northeasterly. Value, cut \$225. tunnel 720.
	No. 4	A shaft, the center of which bears N. 82° 30° E., 472 ft. from Cor. No. 1, 5 x 7 ft., 60 ft. deep. Value, \$1500.
	No. 5	A trench, the north end of which bears N. 87° E., 530
	SELEMENT TO	

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U. S. GOVERNMENT PRINTING OFFICE

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	., 395	ft. from Cor. No. 1, 4 ft. wide, 3 ft. deep, 12 ft. long, running southerly. Value, \$50.
1		A trench, the north end of which bears S. 88° 30' E., 545 ft. from Cor. No. 1, 2 ft. wide, 3 ft. deep, 6 ft. long. Value, \$15.
6	No. 7'	565 ft. from Cor. No. 1, 2 ft. wide, 2 ft. deep, 6 ft. long.
2	. #1 OS	A trench, the north end of which bears S. 85° 30° E.,
		A trench, the north end of which bears S. 05° 30° E., 638 ft. from Cor. No. 1, 4 ft. wide, 2 ft. deep, 10 ft. long, running south.
	No. 9	A shaft, the center of which bears S. 84° E., 678 ft.
*	No. 10 end	from Cor. No. 1, 6 x 6 ft., 20 ft. deep.
40	No. 11	A shaft, the center of which bears S. 77° 30' E., 978 ft. from Cor. No. 1, 4 x 6 ft., 15 ft. deep. Value, \$150.
	No. 12	A trench, the north end of which bears S. 74° E., 1033 ft. from or. No. 1, 2 ft. wide, 2 ft. deep, 24 ft. long, bears south. Value, \$40.
The Part of the Pa	No. 1	The discovery shaft of the Black Hawk No. 1 lode, the center of which being the discovery point, is on the lode line, 1470 ft. from its intersection with line 3-4; 4 x 6 ft., 8 ft. deep.
- A		A cut, the face of which bears N. 49° E., 180 ft. from Cor. No. 1, 4 ft. wide, 8 ft. face, running easterly 10 ft.
P	No. 3	A shaft, the center of which bears N. 71° 30° E., 203
	.11 755	ft. from Cor. No. 1, 5 x 7 ft.; 14 ft. deep timbered.
V	No. 4	A trench, the southwest end of which bears N. 81° E., 210 ft. from Cor. No. 1, 2 ft. wide, 2 ft. deep, 6
	1., 220 leep, 25	TT IONO DAORO ACCTARIT
×.	No. 5	A trench, the northwest end of which bears S. 19° 30' E.
		Value, \$10. A trench, the northwest end of which bears S. 19° 30' E. 480 ft. from Cor. No. 2, 6 ft. wide, 5 to 8 ft. deep, 8 ft. long, bears southeasterly. Value, 50:
	No. 6	Described under Common Improvements.
	No. 15	The discovery shaft of the Black Hawk No. 3 lode, the center of which being the discovery point, is on the lode line 1253.3 ft. from its intersection with line 2-3; 4 x 6 ft., 8 ft. deep. Value, \$80.
	NATION AND DESCRIPTION OF THE PARTY OF THE P	

	-20-	
	No. 22	A shaft, the center of which bears N. 69° 30° E., 395 ft. from Cor. No. 4, 4 x 6 ft., 8 ft. deep. Value, \$80.
4	No: 3	A shaft, the center of which bears N. 75° 30' E., 400 ft. from Cor: No. 4, 4 x 6 ft., 4 ft. deep. Value, \$40.
	No. 4,	A shaft, the center of which bears S. 77° 30' W., 760 ft. from Cor. No. 2, 4 x 6 ft., 8 ft. deep. Value, \$80.
	No. 5	A shaft, the center of which bears S. 83° W., 520 ft. from Cor. No. 2, 4 x 6 ft., 8 ft. deep. Value, \$80
4	No. 6	A shaft, the center of which bears 8. 85° W., 485 ft. from Cor. No. 2, 6 x 7 ft.; 5 ft. deep.
3	No. 7	A shaft, the center of which bears 5. 31° 30' E., 320 ft. from or. No. 1, 4 x 6 ft., 5 ft. deep. Value, \$50.
	No. 1	The discovery shaft of the Hancock No. 1 lode, the center of which being the discovery point, is on the lode line, 1373.3 ft. from its intersection with line 3-4; 4 x 6 ft., 8 ft. deep.
	No. 2	A shaft, the center of which bears S. 75° 45' W., 475 ft. from Cor. No. 3, 4 x 6 ft., 8 ft. deep.
50	No. 3 on the a line	A cut, the face of which bears S. 62° 30' W., 478 ft. from Cor. No. 3, 4 ft. wide, 10 ft. face, extending westerly 16 ft. Value, 150. died doing to the state of
7	No. 1	The discovery shaft of the Hancock No. Two lode, the center of which being the discovery point, is on the lode line 1158.3 ft. from its intersection with line 3-4; 5 x 6 ft., 8 ft. deep. Value, \$100.
V.	203 imbered.	A shaft, the center of which bears S. 33° 30' E., 335 ft. from Cor. No. 2, 5 x 6 ft., 8 ft. deep. Value, \$100.
	No. 3	A shaft, the center of which bears S. 82° E., 625 ft.
•	No. 4	A trench, the north end of which bears N. 59° E., 220 ft. from Cor. No. 1, 3 ft. wide, 4 to 8 ft. deep, 25 ft. long, running southeasterly, and containing a shaft 4 x 6 ft., 8 ft. deep and stope 4 x 8 x 6 ft.
		Value, trench \$150 rated and . 3128 shaft 80:000 tellay stope 80.
	aug no	A trench, the north end of which bears S. 18° 30; W., 170 ft. from Cor. No. 2, 4 ft. wide, 6 ft. deep, 25 ft. long, extending southeasterly, containing a shaft 4 x 6 ft., 10 ft. deep.

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ei su nv sti nValue, trench \$250.00 ildj-eno bebivib

- ter of which being the discovery point, is on the lode line 844.0 ft. from its intersection with line 3-4;
 4 x 6 ft., 8 ft. deep.

 Value. \$80.00 No, 1 The discovery shaft of the Hancock, No. nas beer Value, \$80.00
- A shaft, the center of which bears N. 44° 15' W., 480 ft. from Cor. No. 4; 4 x 6 ft., 8 ft. deep. Value, \$80.00 No. 2 31 08
- The discovery shaft of the Hancock No. 4 lode, the cen-No. 1 ter of which being the discovery point, is on the lode line 1251.1 ft. from the center of line 3-4; 4 x 6 ft., 8 ft. deep. Value, 80.00

An interest in common improvement described as follows:

E cit No. 1 Improvement No. 9 on Jubilee No. 5 lode.

The main working shaft, the center of which bears N. 79° W., 505 ft. from Cor. No. 3, Jubilee No. 5 lode, 5 x 10 ft., 300 ft. deep, vertical, well timbered, two compartments, with cross cut 4 x 6 ft. running south 300 ft. to a drift, and 620 ft. to face. Drifts running west 50 ft. thence southwest 60 ft. to face.

Value of shafts \$61,000.

to salev normoo sur gai \$72,000. Total

Value of one-thirty-seventh interest \$1945.95.

This improvement is in course of construction for the development of the twelve lodes of this survey, and development of the twelve lodes of this survey, and in addition the twenty-five unsurveyed lodes as follows: Jubilee No. 1, Jubilee No. 3, Jubilee No. 6, Centroid No. 1, Centroid No. 2, Centroid No. 3, Centroid No. 6, Centroid No. 6, Centroid No. 7, Centroid No. 8, Centroid No. 9, Centroid No. 10, Centroid No. 11, Centroid No. 12, Centroid No. 13, Centroid No. 14, Centroid No. 16, Centroid No. 17, Centroid No. 18, Centroid No. 19, Centroid No. 20, Centroid No. 21, Hancock No. 5, Hancock No. 6, and Oversight lodes.

These are all the contiguous lode claims owned in common within the range of benefit from said shaft.

The surface is slightly rolling with slight down grade southerly and easterly from the shaft, and rising rather abruptly northwesterly, northerly and westerly from said shaft. Cross-cuts now intercept lodes in its present state, and with necessary laterals at present and future depths of the shaft this improvement affords practical and economical means of developing each of the lode system and lodes at depth.

Five Hundred dollars or over has been expended in this improvement in such a manner as tends to the development of each lode of this survey, subsequent to its location and to the time since which common owner-ship and contiguity have prevailed; therefore an un24

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divided one-thirty seventh interest in its value is hereby credited to each of said lodes and a like interest apportioned to each of the other stated lodes of the common group, except as above stated, no portion of, or interest in this improvement, has been credited heretofore as patent expenditure to any lode claim.

No. 2 Improvement No. 2 Black Hawk lode.

A shaft, the center of which bears N. 61° E., 350 ft. from Cor. No. 1 Black Hawk lode, 4 x 8 ft., 50 ft. deep, well timbered two compartments, inclined along the lode dipping to the northeast.

Value, \$2100.

Value of one-third interest \$700.

This improvement is in the course of construction for the development of the Black Hawk, Black Hawk No. 3 and Centroid No. Fifteen lodes of this survey, situated on the lode and its continuation northwesterly. They are contiguous lode claims owned in common on the same vein or lode and within the range of benefit from developing said vein in said shaft.

The surface is slightly rolling northwesterly increasing in elevation to the end line of the Black Hawk No. 3 lode, then descending gradually. With increased depth and drifts this improvement affords practical and economical means of developing the common veins of the three lodes.

Five hundred dollars or over has been expended in this improvement in such a manner as tends to the development of the Black Hawk, Black Hawk No. 3 and Centroid No. Fifteen lodes of this survey, subsequent to their location and to the time since which common ownership and contiguity have prevailed; therefore an undivided one-third interest in its value is hereby credited to each of said mentioned lodes.

No. 3 Improvement No. 6 on the Black Hawk No. 1 lode.

A shaft, the center of which bears .19° 30' E., 520 ft. from Cor. No. 2 Black Hawk No. 1 lode, 4 x 6 ft., 60 ft. deep one compartment, timbered, vertical. Value, 900.

Value of one-half interest \$450.

This improvement was made for the development of the Black Hawk No. 1 and Hancock No. 1 lodes of this survey, situated on the strike of the same lode or vein system. They are contiguous lode claims owned in common on the same vein or lode within the range of benefit from developing said veins in said shaft.

The surface is slightly rolling northwesterly increasing in elevation to the northwest. With increased
depth and drifts this improvement affords practical
and economical means of developing the common veins
of these lodes.

Five hundred dollars or over has been expended in this improvement in such a manner as tends to the development

of the aforesaid lodes of this survey subsequent to their location and to the time since which common ownership and contiguity have prevailed; therefore an undivided one-half interest in its value is hereby credited to each of said mentioned lodes.

OTHER IMPROVEMENTS

A frame warehouse, the SE. cor. of which bears N. 86° 30' W., 342 ft. from Cor. No. 3 Jubilee No. 5 lode, 18 x 24.3 ft. in size; the long sides bear N, 80° W.

A frame house, the SE. cor. of which bears N. 22° 43' W., 243 ft. from Cor. No. 3 Jubilee No. 5 lode, 12.3 x 52.3 ft. in size; the long sides bear N. 20° E.

A frame house, the SE. cor. of which bears N. 7° 52' E., 20 ft. from Cor. No. 3 Jubilee No. 5 lode, 10.2 x 36.2 ft. in size; the long sides bear N. 16° E.

A frame house, the SE. cor. of which bears N. 13° 22' E., 128 ft. from Cor. No. 3 Jubilee No. 5 lode, 10.2 x 36.2 ft. in size; the long sides bear N. 16° E.

A frame garage, the NW. cor. of which bears S. 11° 22' W., 85 ft. from Cor. No.3 Jubilee No. 5 lode, 20 x 60.5 ft. in size; the long side bears S. 68° E.

A frame office building, the SE. cor. of which bears S. 88° 52' W., 80 ft. from Cor. No. 3 Jubilee No. 5 lode, 16 x 22.2 ft., bears N. 16° E.

A frame shed, the SE. cor. of which bears S. 85° 47' W., 231 ft. from Cor. No. 3, Jubilee No. 5 lode, 14.2 x 39 ft., bears N. 40° W.

A galvanized water tank, 12 ft. diameter, the center of which bears N. 61° 35' W., 445 ft. from Cor. No. 3 Jubilee No. 5 lode.

A frame residence, the NE. cor. of which bears S. 65° 45' W., 105 ft. from Cor. No. 3 Jubilee No. 5 lode, main building 20.2 x 68.5 ft. in size, bears S. 60° W., porch on south side 8.5 x 60 ft., shed on west end 7.7 x 16.2 ft.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Cors. Nos. 1 and 2, Sur. No. 3631, Buck lode are stones properly set and marked as described in the official record.

The iron pipe used for corner monuments is fitted with a floor flange $3\frac{1}{2}$ ins. diam., at top of pipe. The copper disc also $3\frac{1}{2}$ ins. diam. is securely bolted to the floor flange, with its center for exact corner point.

FIELD ASSISTANTS

Jake Stark

Chainman

Ned Buchanan

Chainman

J. William Waara

Mineral Surveyor

S			Survey No. 4344		
	be	s cidens	asid lodes of this survey subsequent to the time since watch common own we prevailed; therefore an undivid- tin its value is hereby credited to d lodes.	lection and contiguity has	
			CTHER INTROVINGENTS		
		N. 86°	rehouse, the SE. cor. of which bear it from Cor. No. 3 Subilee No. 5 1d the size; the long sides bear N. Oc	A frame was 30' W. 342 1 18 x 24.5 ft.	
		22° 45'	use, the SM. cor. of which beers M. from Cor. No. 3 Jubiles No. 5 lode, site; the long sides beer N. 20° H.	B. , EAS Pt.	
		7° 52' 0.2 x	use, the SE cor. of which bears N. rom Cor. No. 3 Jubiles No. 5 lode, Size; the long sides bear N. 16° E.	1 H., 20 ft fr	
		13° 22'	use, the SM. cor. of which bears it. from Cor. No. 3 Jubilee No. 5 Lode, size; the long sides bear E. 16° E.	A frame bou E., 128 Ft. 1 36.2 ft. in	
		11° :, 20 x	cage, the NV. cor. of which beers to from Cor. No. 5 lubiles No. 5 lodesize; the long side bears 5. no. 5.	122° W., 55 P	
	4	bears . 5 lod	fice building, the SE. cor. of which 60 ft. from Cor. No. 5 Jubilee M beirs N. 16° F.	A frame of 8. 80° 52' W	
	1	5° 47'	ed, the SE. cor. of which bears S. dor. No. 5, Jubilee No. 5 lode, 14.	A frame shows a strong a stron	
		center No. 3	ed water tank, 12 ft. diameter, the came to the first Cor. 145 ft. from Cor. 10de.	A galvenize of which bear while No.	
		de,	sidence, the Ms. cor. of which beers to from Cor. No. 3 Jubilee No. 5 lost 2 x 60.5 ft. in size, beers S. on side 6.5 x 60 ft., shed on west con side 6.5 x 60 ft., shed on west con side 6.5 x 60 ft., shed on west con side 6.5 x 60 ft.	nein building	
		DATA	PERSONAL PROPERTY OF SUPPLEMENTAL	on state i	
The state of the s		stones cial	and 2, Sur. No. 3631, Buck lode are and marked as described in the offi	Properly set record.	
The second second		edT .e	ripe used for corner comments is large 3; ins. diam., at top of pir the 5; ins. diam. to securely boltemes, with its center for exact corn	copper disc s	
			PIME ASSISTANTS		
			Chainman	Take Stark	
			Obsirman	Hed Huchanan	
			J. William Vagre		
			Lineral Surveyor		

UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL LAND OFFICE

FINAL OATH OF MINERAL SURVEYOR

I, J. William Waara , Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix Arizona , dated February 17, 1950 ,
I have, in strict conformity to the laws of the United States, the official regulations
and instructions thereunder, and the instructions of said Office Cadastral Engineer,
faithfully and correctly executed the survey of the mining claim of
Centroid Consolidated Mines , known as the Jubille No.2, Jubilee No.4, Jubilee No.5, Centroid No.Four, Centroid No.Fifteen, Black Hawk, Black Hawk No.1, Black Hawk No.3, Hancock No. Hancock No. two, Hancock No.3, Hancock No.4 situate in Ellsworth Mining District,
Yuma County, State of Arizona , in Section Sec. 18 unsura 7 unsura T.7 N. R. 12 W. " V3 " " , Township No. 7 N. , Range No. 13 W.
and designated as Survey No. 4344 , as represented
in the foregoing field notes, which accurately show the boundaries of said mining claim
as distinctly marked by monuments on the ground, and described in the attached copy of
the location certificate, which was received by me from the Office Cadastral Engineer
with said instructions, and that all corners of said survey have been established and
perpetuated in strict accordance with the law, official regulations and instructions
thereunder; and I do further solemnly swear that the foregoing are the true and original
field notes of said survey and my report therein, and that the labor expended and im-
provements made upon said mining claim by claimant orits
grantors are as therein fully stated, and that the character, extent, location, and
itemized value thereof are specified therein with particularity and full detail, and
that no portion of said labor or improvements so credited to this claim has been included
in the estimate of expenditures upon any other claim.
Millian Wana (Mineral Surveyor)
Subscribed and sworn to by the said J. William Waara
Mineral Surveyor, before me C. Daver
this
day of May , 1950 The Baner
Woton Public

My Commission expires
Jan. 10, 1953

UNITED STATES. DEPARTMENT OF THE INTERIOR GENERAL LANG OFFICE

FINAL BATH OF MINERAL SURVEYOR

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U. S. GOVERNMENT PRINTING OFFICE 16-28618-1

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

UNITED STATES DEPARTMENT OF THE INTERIOR

GENERAL LAND OFFICE

Public Survey Openics Bureau of Land Management

At	1009 W. Tijeras Ave., Albuquerque, N. M.
A 0	
	October 3 , 19 50
I, Office Cadastral Engineer at Albu	querque, New Mexico
do hereby certify that the foregoing and hereto attached Field	Notes and Return of the Survey of the
Mining Claim of Centroid Consolidated Nines	
Jubilee No. 2, Jubilee, No.4, Jubilee No.5, Centr	, known as the
Black Haw, Black Hawk No.1, Black Hawk No.3, Hand	cock No. Two, Hancock No. 3.
Hancock No. 4, lodes	
situate in Ellsworth	mining district,
Yuma County, Arizona	
in Sections 7 and 18 , Township No. 7 No. 7 No. 7 No.	, Range No. 12 W.
Gasel , designated as Survey No. 4314	
executed by J. William Waara	Mineral
Surveyor, February 17 to 27, 1950	, 19 , under my instructions dated
February 17, 1950 , have bee	n critically examined and the necessary
corrections and explanations made, and the said Field Notes an	d Return, and the Survey they describe,
are hereby approved. The certified copy of the location certified	cate filed by the applicant for survey is
included and made a part of these field notes.	
	Geo Hwell
	Office Cadastral Engineer.

CERTIFICATE CE APPROVAL OF FILES MOTES AND SURVEY OF

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